Title (en)

COMPOUNDS FOR THE DIAGNOSIS OF NEURODEGENERATIVE DISORDERS ON THE OLFACTORY EPITHELIUM

Title (de)

VERBINDUNGEN FÜR DIE DIAGNOSTIK NEURODEGENERATIVER ERKRANKUNGEN AM RIECHEPITHEL

Title (fr)

COMPOSÉS POUR LE DIAGNOSTIC DE MALADIES NEURODÉGÉNÉRATIVES SUR L'ÉPITHÉLIUM OLFACTIF

Publication

**EP 2619591 A2 20130731 (DE)**

Application

**EP 11804933 A 20110920**

Priority

- DE 102010045797 A 20100920
- DE 2011001780 W 20110920

Abstract (en)

[origin: WO2012037928A2] The present invention relates to compounds having a high affinity for the Aß protein, a-synuclein or for Tau-PHF aggregates, which are suitable as preferably fluorescent probes for the in-vivo diagnosis of neurodegenerative disorders, such as Alzheimer's disease and Parkinson's disease. The compounds are distinguished by suitable physiochemical properties (excitation wavelength, emission wavelength, Stokes shift, extinction) and also high affinity and selectivity for the target proteins.

IPC 8 full level

**G01N 33/68** (2006.01)

CPC (source: EP US)

**A61K 31/426** (2013.01 - EP US); **A61K 31/428** (2013.01 - EP US); **A61K 31/4965** (2013.01 - EP US); **A61K 31/505** (2013.01 - EP US); **A61K 49/0021** (2013.01 - EP US); **A61K 49/0039** (2013.01 - EP US); **C07D 403/00** (2013.01 - EP US); **C07D 403/02** (2013.01 - EP US); **C07D 403/14** (2013.01 - EP US); **C07D 417/00** (2013.01 - EP US); **C07D 417/02** (2013.01 - EP US); **G01N 21/6428** (2013.01 - US); **G01N 33/6896** (2013.01 - EP US); G01N 2800/28 (2013.01 - EP US)

Citation (search report)

See references of WO 2012037928A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102010045797 A1 20120322**; EP 2619591 A2 20130731; US 2013287700 A1 20131031; WO 2012037928 A2 20120329; WO 2012037928 A3 20130425

DOCDB simple family (application)

**DE 102010045797 A 20100920**; DE 2011001780 W 20110920; EP 11804933 A 20110920; US 201113825186 A 20110920